

# Charlotte Area Transit System (CATS)

## General Information

### Urbanized Area (UZA) Statistics - 2000 Census

Charlotte, NC-SC	
Square Miles	435
Population	758,927
Population Ranking out of 465 UZAs	48
Other UZAs Served	199, 229, 338

### Service Area Statistics

Square Miles	445
Population	681,310

### Service Consumption

Annual Passenger Miles	89,547,694
Annual Unlinked Trips	17,841,453
Average Weekday Unlinked Trips	59,731
Average Saturday Unlinked Trips	29,705
Average Sunday Unlinked Trips	18,651

### Service Supplied

Annual Vehicle Revenue Miles	14,965,364
Annual Vehicle Revenue Hours	962,128
Vehicles Operated in Maximum Service	395
Vehicles Available for Maximum Service	523
Base Period Requirement	134

## Financial Information

**Fare Revenues Earned** \$10,769,955

### Sources of Operating Funds Expended

Fare Revenues	( 14%)	\$10,769,955
Local Funds	( 69%)	52,689,118
State Funds	( 17%)	12,796,433
Federal Assistance	( 0%)	0
Other Funds	( 0%)	199,366
<b>Total Operating Funds Expended</b>		<b>\$76,454,872</b>

### Sources of Capital Funds Expended

Local funds	( 0%)	\$0
State Funds	( 47%)	40,335,765
Federal Assistance	( 48%)	41,639,759
Other Funds	( 5%)	4,308,508
<b>Total Capital Funds Expended</b>		<b>\$86,284,032</b>

## Summary of Operating Expenses

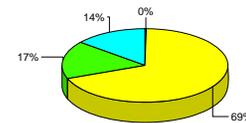
Salary, Wages and Benefits	\$45,033,896
Materials and Supplies	8,693,741
Purchased Transportation	1,241,090
Other Operating Expenses	14,679,334
<b>Total Operating Expenses</b>	<b>\$69,648,061</b>

Reconciling Cash Expenditures \$7,070,033

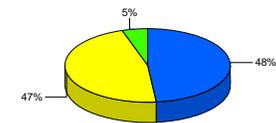
## Vehicles Operated in Maximum Service and Uses of Capital Funds

	Directly Operated	Purchased Transportation <sup>1</sup>	Revenue Vehicles	Systems and Guideways	Facilities and Stations	Other	Total
Bus	247	8	\$11,563,878	\$1,391,418	\$25,085,160	\$252,446	<b>\$38,292,902</b>
Demand Response	75	0	\$618,680	\$23,178	\$24,649	\$0	<b>\$666,507</b>
Light Rail	2	0	\$7,018,809	\$39,281,880	\$668,289	\$0	<b>\$46,968,978</b>
Vanpool	63	0	\$315,370	\$19,518	\$20,757	\$0	<b>\$355,645</b>
<b>Total</b>	<b>387</b>	<b>8</b>	<b>\$19,516,737</b>	<b>\$40,715,994</b>	<b>\$25,798,855</b>	<b>\$252,446</b>	<b>\$86,284,032</b>

## Sources of Operating Funds Expended



## Sources of Capital Funds Expended



## Modal Characteristics

	Operating Expenses <sup>1</sup>	Fare Revenues <sup>1</sup>	Uses of Capital Funds	Annual Passenger Miles	Annual Vehicle Revenue Miles	Annual Unlinked Trips	Annual Vehicle Revenue Hours	Fixed Guideway Directional Route Miles	Vehicles Available for Maximum Service	Average Fleet Age in Years	Vehicles Operated in Maximum Service	Peak to Base Ratio	Percent Spares
Bus	\$59,368,108	\$10,079,651	\$38,292,902	74,102,640	11,115,504	16,982,353	769,944	20.0	322	4.0	255	1.93	26%
Demand Response	\$7,723,037	\$180,945	\$666,507	2,580,249	2,158,407	287,785	151,500	N/A	111	3.5	75	N/A	48%
Vanpool	\$1,313,894	\$314,379	\$355,645	12,260,739	1,660,568	241,274	33,168	N/A	86	3.8	63	N/A	37%
Light Rail	\$1,243,022	\$194,980	\$46,968,978	604,066	30,885	330,041	7,516	3.9	4	20.3	2	1.00	100%

## Performance Measures

### Service Efficiency

	Operating Expense per Vehicle Revenue Mile	Operating Expense per Vehicle Revenue Hour
Bus	\$5.34	\$77.11
Demand Response	\$3.58	\$50.98
Vanpool	\$0.79	\$39.61
Light Rail	\$40.25	\$165.38

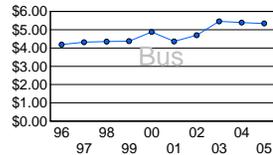
### Cost Effectiveness

	Operating Expense per Passenger Mile	Operating Expense per Unlinked Passenger Trip
Bus	\$0.80	\$3.50
Demand Response	\$2.99	\$26.84
Vanpool	\$0.11	\$5.45
Light Rail	\$2.06	\$3.77

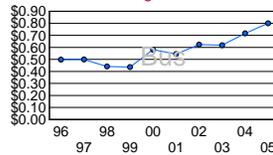
### Service Effectiveness

	Unlinked Passenger Trips per Vehicle Revenue Mile	Unlinked Passenger Trips per Vehicle Revenue Hour
Bus	1.53	22.06
Demand Response	0.13	1.90
Vanpool	0.15	7.27
Light Rail	10.69	43.91

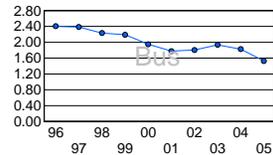
Operating Expenses per Vehicle Revenue Mile



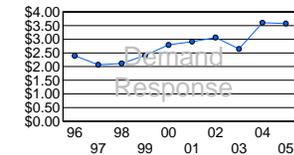
Operating Expenses per Passenger Mile



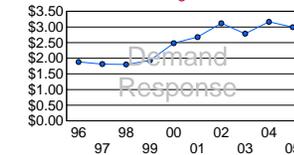
Unlinked Passenger Trips per Vehicle Revenue Mile



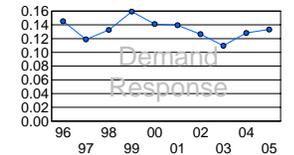
Operating Expenses per Vehicle Revenue Mile



Operating Expenses per Passenger Mile



Unlinked Passenger Trips per Vehicle Revenue Mile



<sup>1</sup> Excludes data for purchased transportation reported separately